



## Semestral Plan for Sec 3 NA Mathematics Syllabus A 2023

The document captures the curriculum and assessment plan for Sec 3 Normal Academic for the year.

### 1 Curriculum Plan

<b>Tentative Week</b>	<b>Topics to cover</b>
Term 1 Week 1 – 4	Chapter 1 – Algebraic Manipulation
Term 1 Week 5 – 8	Chapter 2 – Quadratic Equations
Term 1 Week 6	Weighted Assessment 1
Term 1 Week 9	Chapter 3 – Graphs of Quadratic Functions and Equations
Term 1 Week 10	WEALTH Week
<b>12<sup>th</sup> to 20<sup>th</sup> March</b>	<b>MARCH HOLIDAYS</b>
Term 2 Week 1	Chapter 3 – Graphs of Quadratic Functions and Equations
Term 2 Week 2 – 5	Chapter 4 – Indices
Term 2 Week 4	Weighted Assessment 2
Term 2 Week 6 – 8	Chapter 4 – Indices
Term 2 Week 9 – 10	Chapter 5 – Congruency and Similarity
<b>28<sup>th</sup> May to 26<sup>th</sup> June</b>	<b>JUNE HOLIDAYS</b>
Term 3 Week 1	Chapter 5 – Congruency and Similarity
Term 3 Week 2	Chapter 6.1 – Coordinate Geometry
Term 3 Week 3	Weighted Assessment 3
Term 3 Week 3 – 4	Chapter 6.2/3 – Coordinate Geometry
Term 3 Week 5 – 7	Chapter 7 – Graphs of Power Functions and Exponential Functions (Unit 7.1 to 7.3) [OBS Week 6]
Term 3 Week 7 – 8	Chapter 8 – Trigonometric Ratios of Acute Angles
Term 3 Week 9 – 10	Chapter 9 – Further Trigonometry
<b>3<sup>rd</sup> to 11<sup>th</sup> Sep</b>	<b>SEPTEMBER HOLIDAYS</b>
Term 4 Week 1 – 2	Revision
Term 4 Week 3 – 4	End of Year Examination
Term 4 Week 5 – 6	Go through End-of-Year Exam papers
Term 4 Week 7 – 9	Secondary 3 Headstart Programme
	Chapter 7 – Graphs of Power Functions and Exponential Functions (Unit 7.4 and 7.5)

## 2 Assessment Plan

- **Weighted Assessments (WA)**
- **End-of-Year Examination (EYE)**

Semester	Semester 1		Semester 2	
Term	Term 1	Term 2	Term 3	Term 4
Types of Assessment	WA 1	WA 2	WA 3	End-of-Year examination
Weightage	15%	15%	15%	55%
Tentative Date	Term 1 Week 6	Term 2 Week 4	Term 3 Week 3	Term 4 Week 3 – 4
Topics Covered	Chapter 1 and selected lower sec topics (algebra)	Chapter 2 – 4	Chapter 4, 5, 6.1	Refer to End of Year Exam Format
Assessment Mode	Written			

- Various modes of formative assessments (quizzes, exit tickets, journal writing, project work, etc) are conducted regularly to assess students' learning progress.

## 3 End-of-year Exam Format

Paper	Weightage	Duration	Remarks
Paper 1	50%	1.5 hours	<ul style="list-style-type: none"><li>• Chapters 1 – 9 (exclude 7.4 and 7.5)</li><li>• 50 marks</li><li>• Answer on spaces provided</li></ul>
Paper 2	50%	1.5 hours	<ul style="list-style-type: none"><li>• Chapters 1 – 9 (exclude 7.4 and 7.5)</li><li>• 50 marks</li><li>• Section A: Last question will be on Problems in Real World Context.</li><li>• Section B: Choose 1 out of 2 questions.</li><li>• Answer on spaces provided</li></ul>

#### **4 Absence from tests**

- (a) Medical certificates must be produced if student is absent for the test.
- (b) Parent's letter is strongly discouraged and its validity will be approved based on a case-by-case basis.
- (c) Absence from any test without a valid reason will result in zero mark for the test.
- (d) Do note that student will have to do a make-up test on the day he/she returns to school.

With this information, we hope all students will better prepare themselves for the heavy academic demands this academic year.

Do feel free to contact the Mathematics teachers should further clarification is needed on this matter.

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